

Appl. 09/995,666

Art Unit : 3616

Attorney Docket No. RP-00204-US2

Examiner : ILAN, Ruth

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 31. (Cancelled)

32. (New) An all-terrain vehicle comprising:

- a. a frame;
- b. at least four wheels supporting the frame, including a rear pair of wheels mounted on a rear wheel axle and a front pair of wheels mounted on an articulated front wheel axle including a first half shaft and a second half shaft, each wheel including a low pressure balloon tire;
- c. a straddle seat mounted on the frame for supporting a rider;
- d. a handlebar disposed on the frame and operatively connected to at least one of the wheels for steering the vehicle;
- e. an engine disposed on the frame and operatively connected to at least one of the wheels to propel the vehicle;
- f. a front drive shaft operatively interconnecting the engine with a front differential, each half shaft of the front wheel axle being operatively connected to the front differential and including a joint proximate the front differential;
- g. a first front brake disk disposed on the joint of the first half shaft and a second front brake disposed on the joint of the second half shaft;
- h. a rear gear case operatively connected to the rear wheel axle;
- i. a rear drive shaft operatively interconnecting the engine with the rear gear case; and
- j. a rear brake disk associated with the rear drive shaft.

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33. (New) The all-terrain vehicle of claim 32, further comprising a front caliper associated with the front brake disk.
34. (New) The all-terrain vehicle of claim 33, wherein the front caliper is hydraulically actuated.
35. (New) The all-terrain vehicle of claim 34, wherein a rigid hydraulic hose is connected to the front caliper.
36. (New) The all-terrain vehicle of claim 33, wherein the front caliper is mechanically actuated.
37. (New) The all-terrain vehicle of claim 33, wherein the front caliper is directly connected to the front differential.
38. (New) The all-terrain vehicle of claim 33, wherein the front caliper is directly connected to the frame.
39. (New) The all-terrain vehicle of claim 32, wherein the rear brake disk is disposed on the rear differential.
40. (New) The all-terrain vehicle of claim 39, further comprising a rear caliper associated with the rear brake disk.
41. (New) The all-terrain vehicle of claim 40, wherein the rear caliper is hydraulically actuated.
42. (New) The all-terrain vehicle of claim 41, wherein a rigid hydraulic hose is connected to the rear caliper.

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43. (New) The all-terrain vehicle of claim 40, wherein the rear caliper is mechanically actuated.
44. (New) The all-terrain vehicle of claim 40, wherein the rear caliper is directly connected to the frame.
45. (New) The all-terrain vehicle of claim 33, wherein the rear brake disk is disposed on the rear differential.
46. (New) The all-terrain vehicle of claim 45, further comprising a rear caliper associated with the rear brake disk.
47. (New) The all-terrain vehicle of claim 46, wherein the rear caliper is hydraulically actuated.
48. (New) The all-terrain vehicle of claim 47, wherein a rigid hydraulic hose is connected to the rear caliper.
49. (New) The all-terrain vehicle of claim 46, wherein the rear caliper is mechanically actuated.
50. (New) The all-terrain vehicle of claim 46, wherein the rear caliper is directly connected to the frame.
51. (New) The all-terrain vehicle of claim 32, wherein the all-terrain vehicle comprises only four wheels.